SPECIFICATION

Isopropyl Magnesium Chloride

Parameters	Specification
Appearance	Colorless liquid
Molecular Weight	102.84 g/mol
Boiling Point	60 °C
Melting Point	-98 °C
Flash Point	-23 °C
Purity	98–99%
Refractive Index	1.406
Solubility	Soluble in diethyl ether and THF; reacts with water to form isopropanol and Mg hydroxide chloride; incompatible with air
Uses	Grignard reagent used in organic synthesis for forming secondary and tertiary alcohols after reaction with carbonyl compounds